

FIG. 1

11 LIQUID CRYSTAL DISPLAY DEVICE

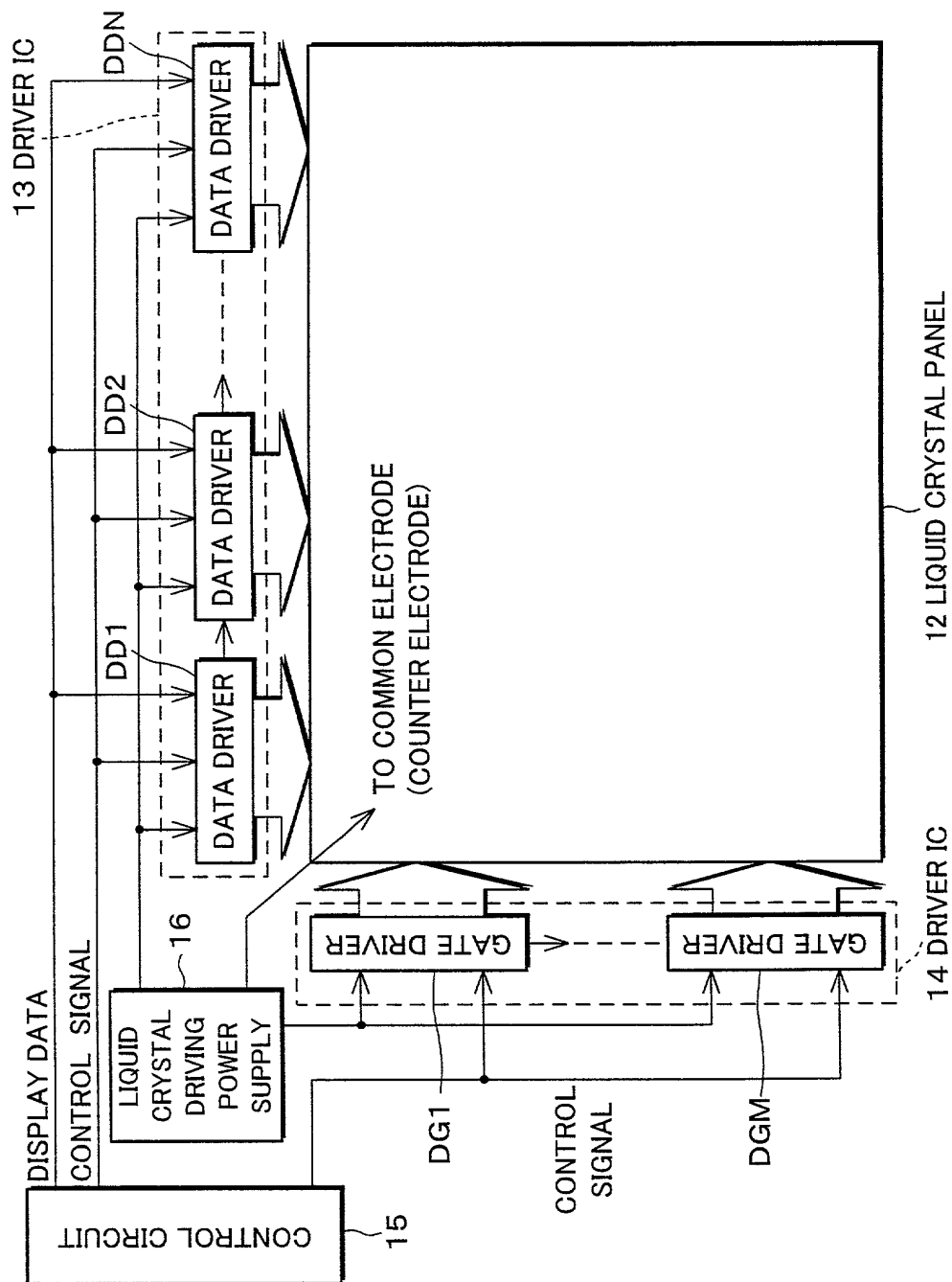


FIG. 2

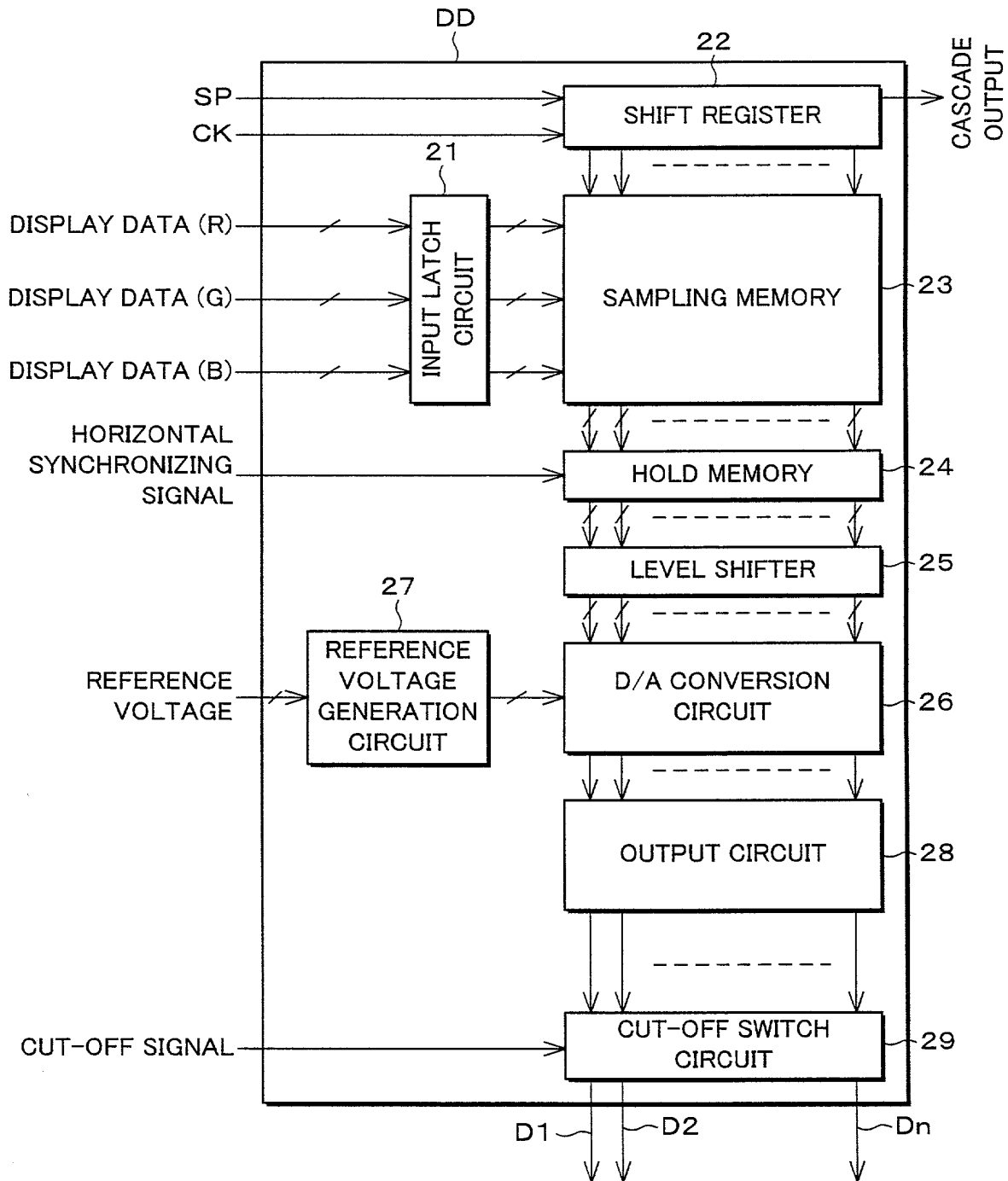


FIG. 4

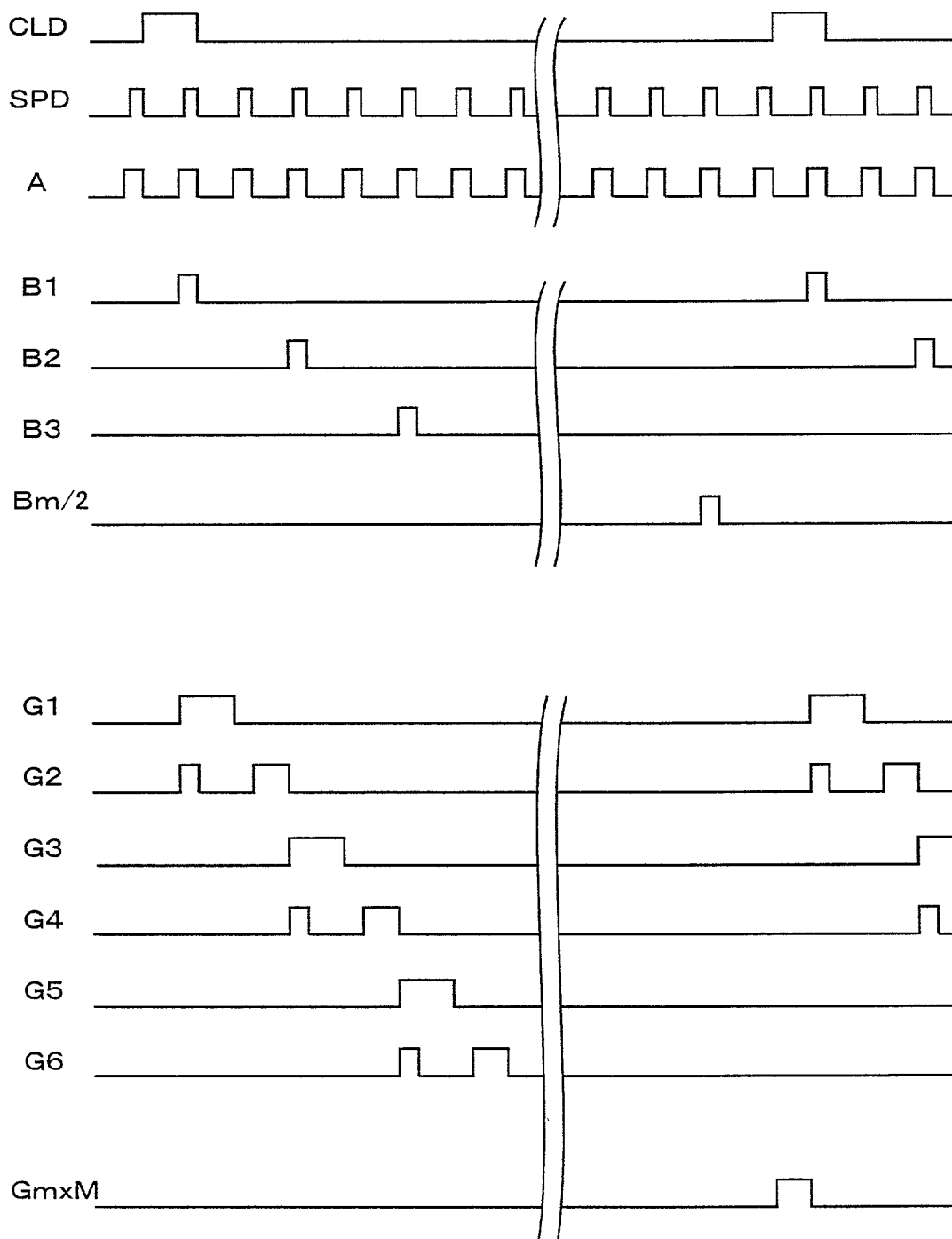


FIG.5

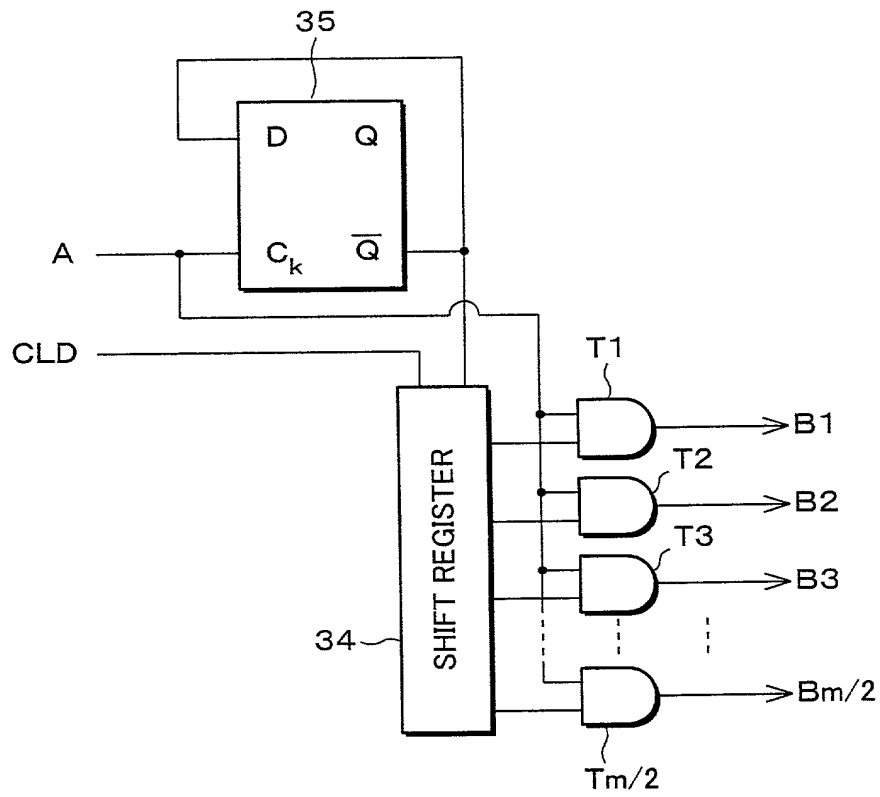


FIG.6

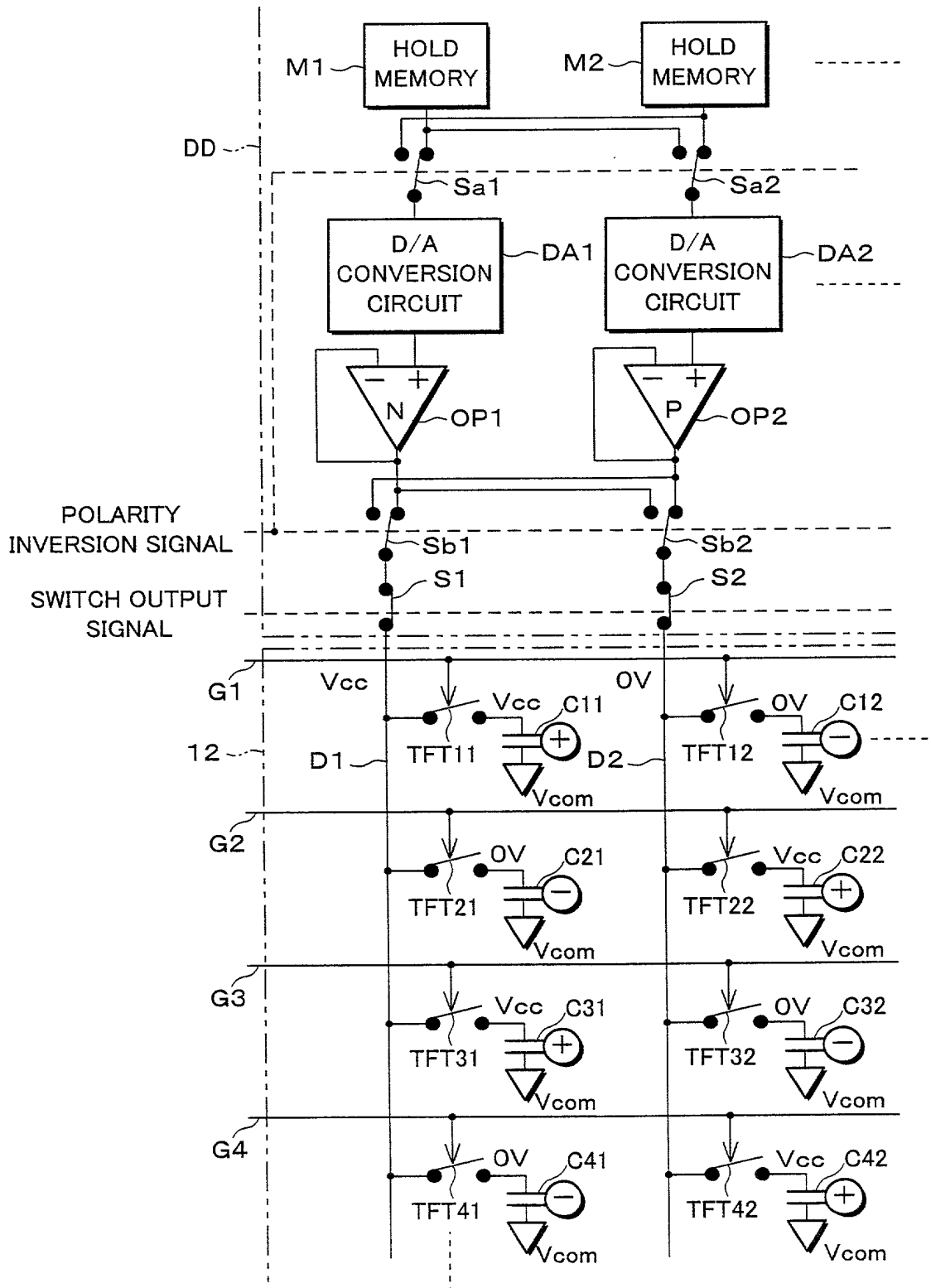


FIG.7

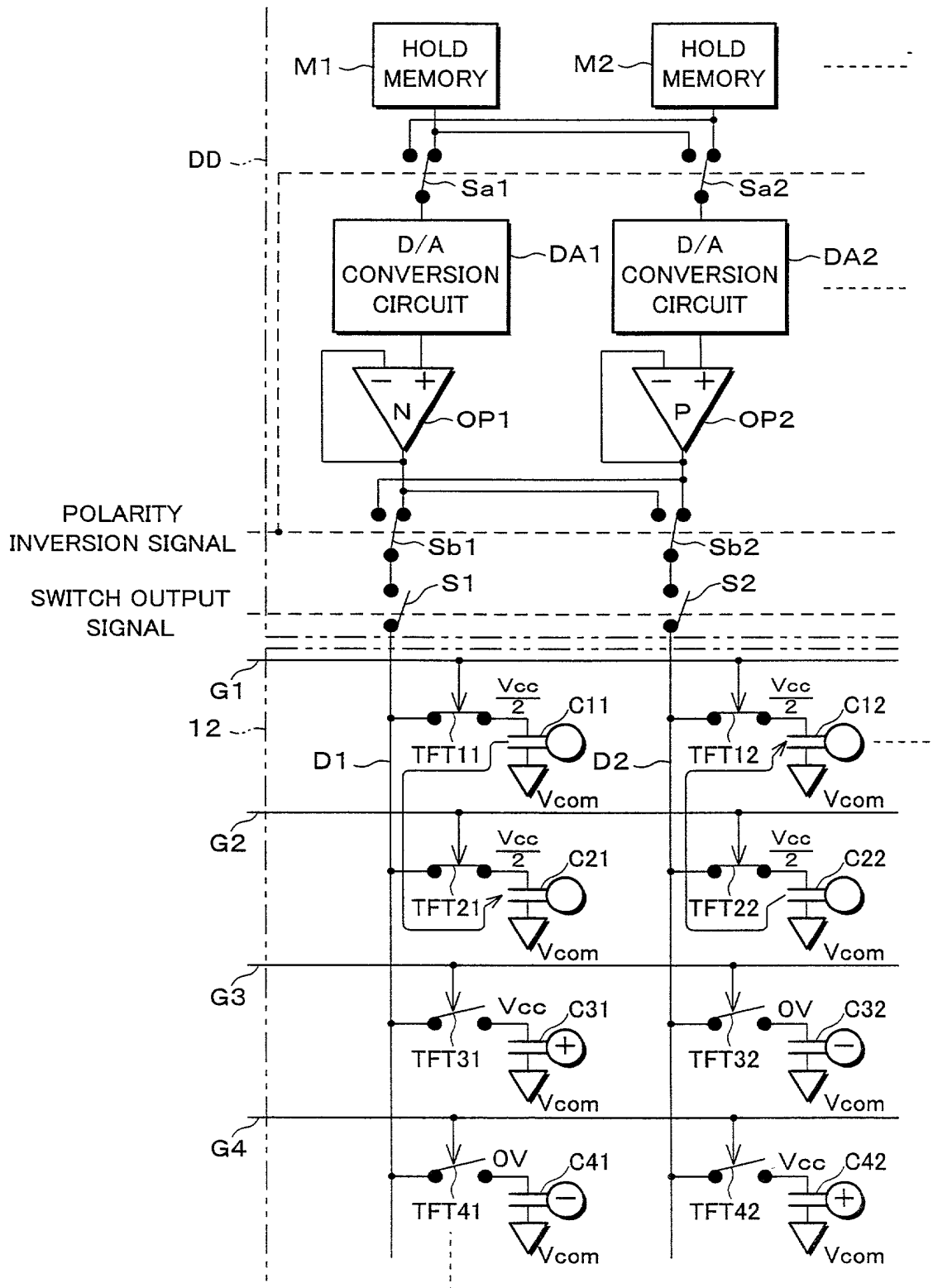


FIG.8

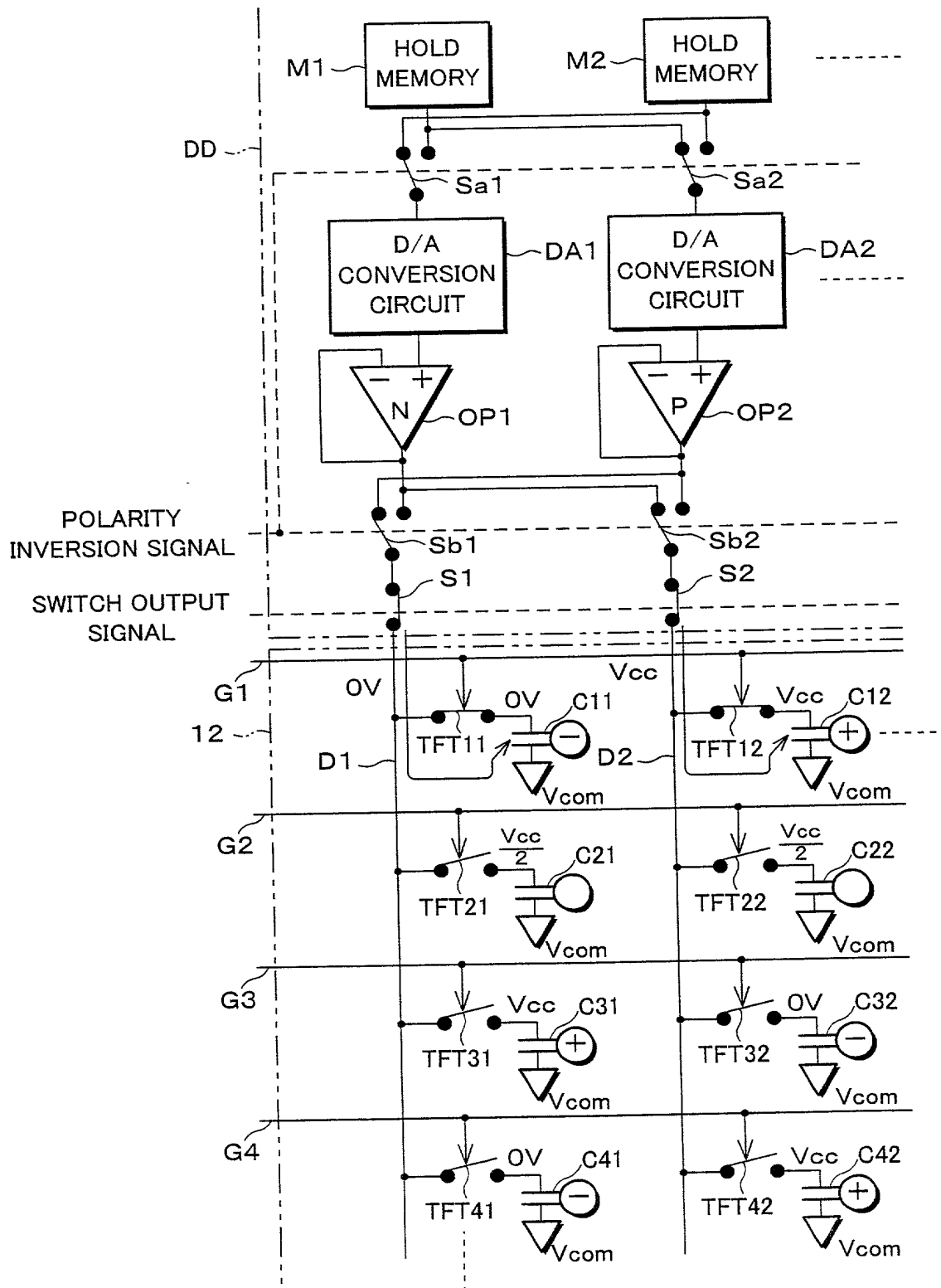


FIG.9

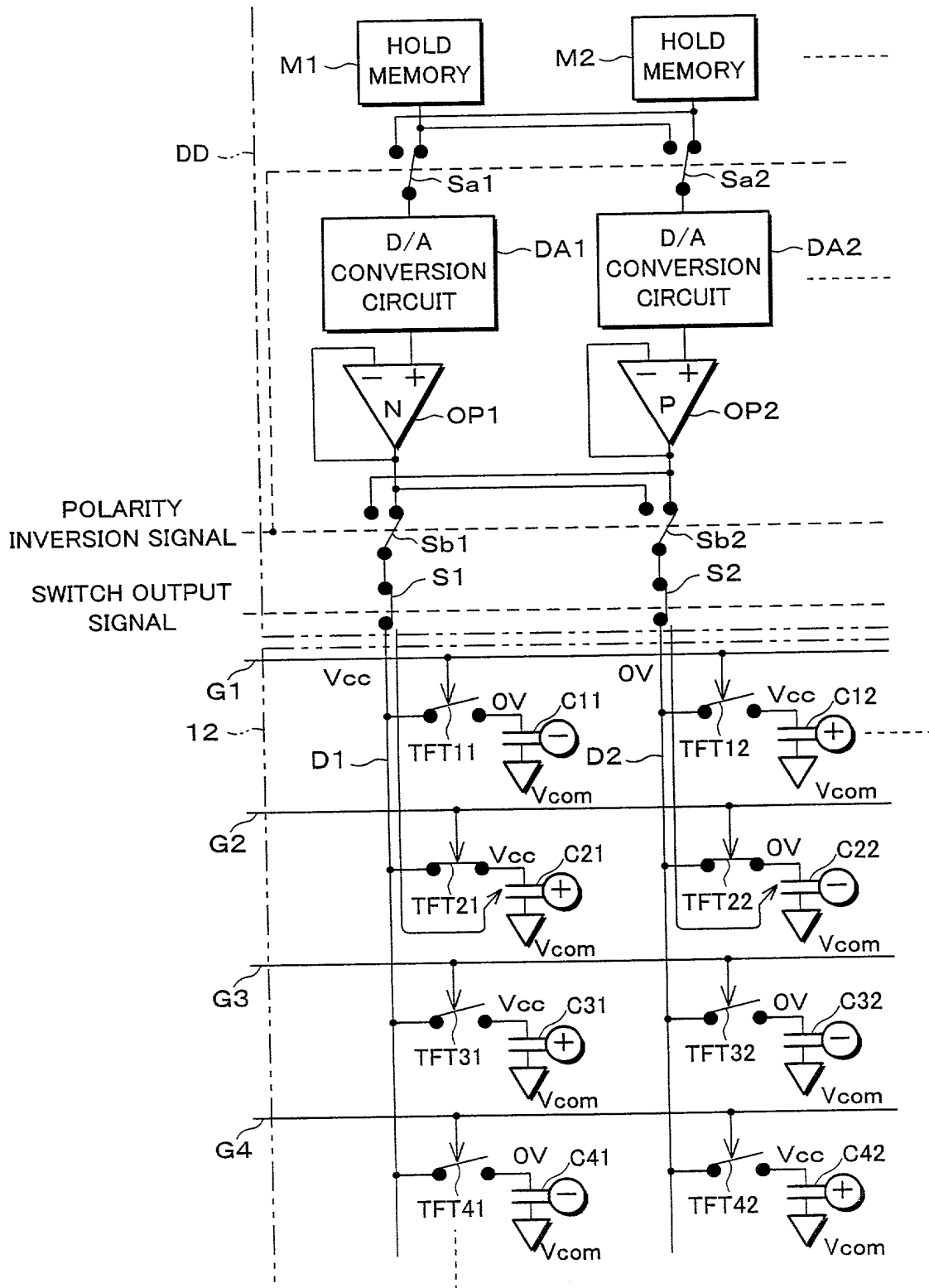


FIG.10

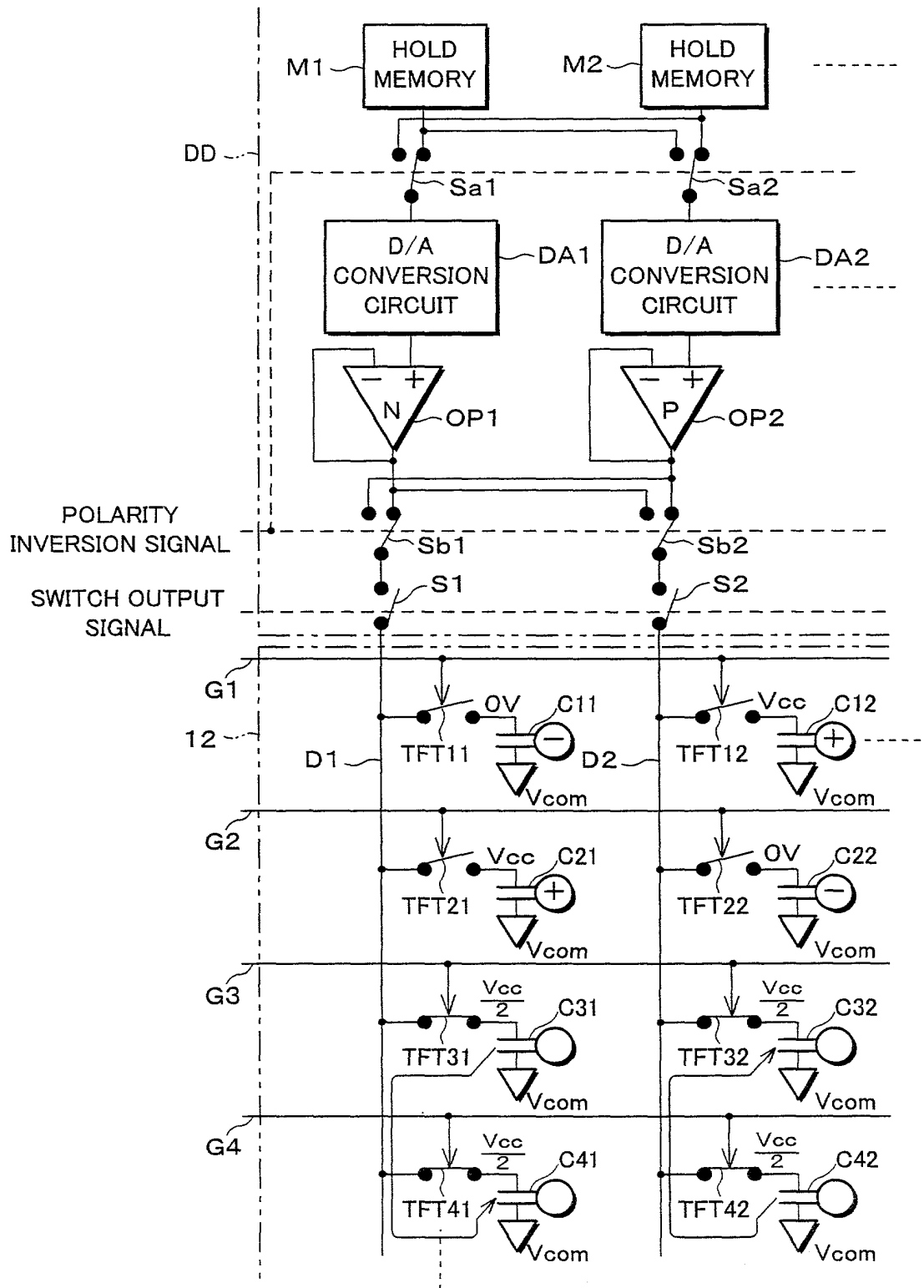


FIG. 11

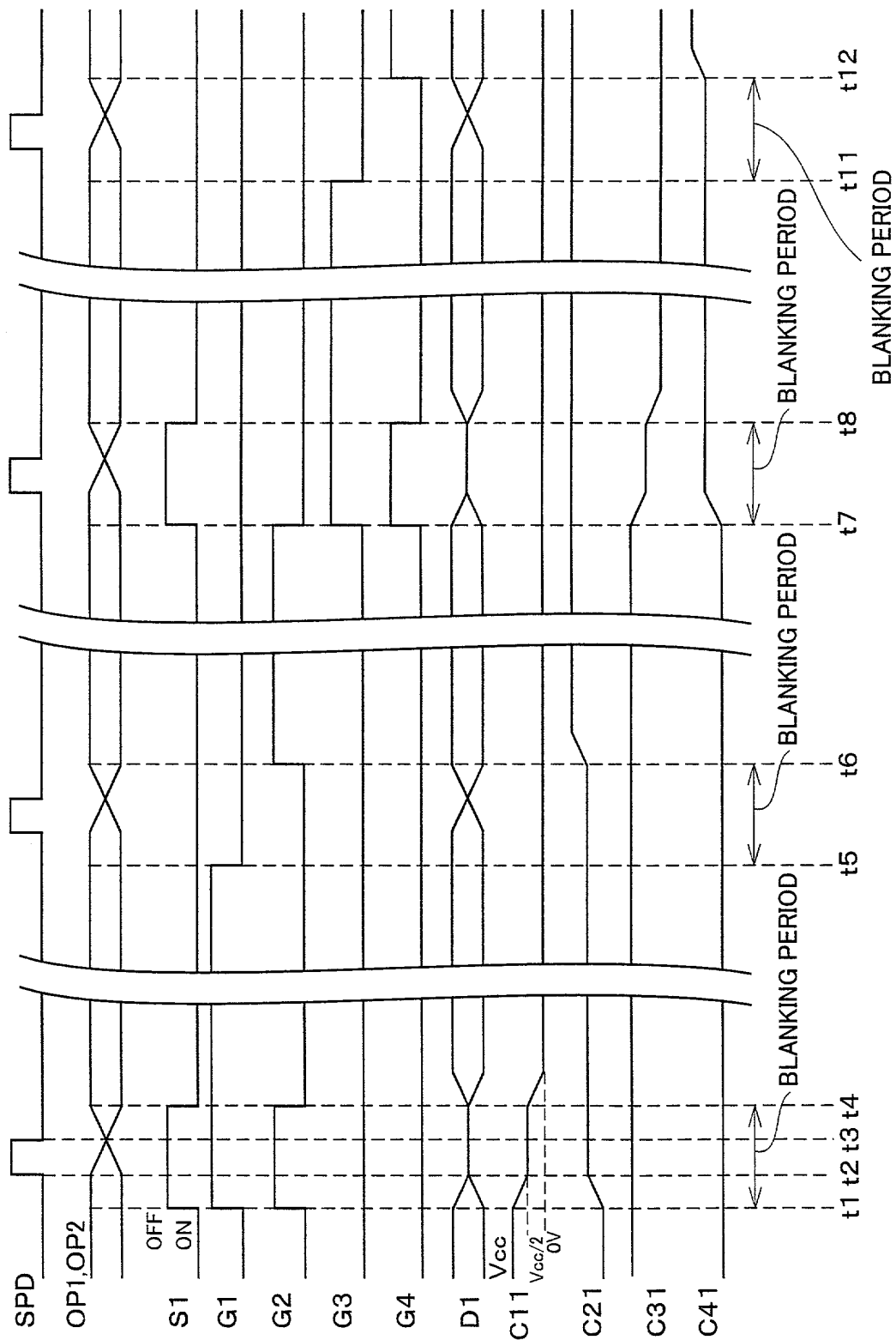


FIG.1 2

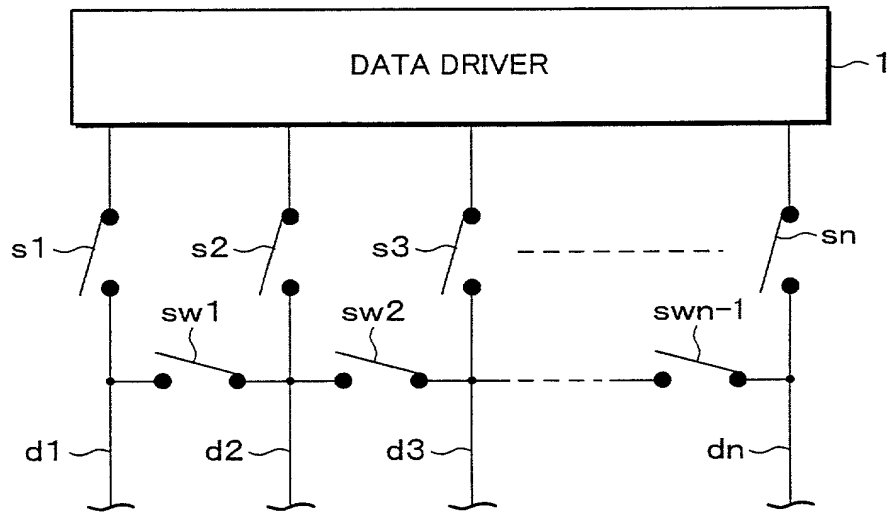


FIG.1 3 (a)

DATA SIGNAL LINE

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | + | - | + | - | + | - |
| 2 | - | + | - | + | - | + |
| 3 | + | - | + | - | + | - |
| 4 | - | + | - | + | - | + |
| 5 | + | - | + | - | + | - |
| 6 | - | + | - | + | - | + |
| 7 | + | - | + | - | + | - |
| 8 | - | + | - | + | - | + |

SCANNING SIGNAL LINE

FIG.1 3 (b)

DATA SIGNAL LINE

| | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | - | + | - | + | - | + |
| 2 | + | - | + | - | + | - |
| 3 | - | + | - | + | - | + |
| 4 | + | - | + | - | + | - |
| 5 | - | + | - | + | - | + |
| 6 | + | - | + | - | + | - |
| 7 | - | + | - | + | - | + |
| 8 | + | - | + | - | + | - |

SCANNING SIGNAL LINE